

REMARKS

Claims 1-48 are pending. By this Response, claims 1, 9, 17, 33 and 41 are amended. Reconsideration and allowance based on the above-amendments and following remarks are respectfully requested.

Summary of Embodiments of the Invention

The embodiments of the present invention include a primary control module and a plurality of line modules. Within each line module a communication coordinator controls the activities, publication and receipt of various events according to the different applications within the communication coordinator. Each line module has its own communication coordinator. Each communication coordinator is connected to the primary control module. The primary control module can control the activities of the entire network switch essentially controlling each line module via the communication coordinator within each line module. The control module contains a namespace and a namespace server, from which each communication coordinator obtains namespace information.

Prior Art Rejection

The Office Action rejects claims 1-48 under 35 U.S.C. §102(b) as being anticipated by Bracho, et al. (US 5,974,417). This rejection is respectfully is traversed.

Bracho teaches a system that publishes events to specific subscribers without the publishers and subscribers directly interacting with each other. Bracho's system is implemented within a network. In the network, a plurality of hubs are connected to each other. Each hub includes a publisher and a subscriber. The hub manages and controls the communication between the publisher and subscriber of different hubs thus, the hub itself is the liaison between other hubs and their respective publishers and subscribers. See column 4 through column 5, line 25.

According to the Office Action, the control module is allegedly taught by the hub 106 of Bracho, et al. In Bracho's system the hub provides the communication means between other hubs. No other features are taught that aid in publication or retrieval of events. Therefore, assuming *arguendo*, that the hub corresponds to the claimed control module, Bracho fails to teach the use of a communication coordinator. Likewise, assuming *arguendo*, that the hub corresponds to a communication coordinator, then Bracho fails to teach a control module.

Thus, Bracho does not teach each and every feature of the independent claims as required. Specifically, Bracho fails to teach, *inter alia*, receiving a subscription request by a communication coordinator with then one of a plurality of line modules to receive publications made to one or more event names, said subscription request comprising an event expression that includes a name space that could be correlated to a plurality of different event names,

and accessing within a control module connected to said plurality of line modules a set of information pertaining to a publisher, said information comprising a particular event name to which said publisher publishes, as recited in claim 1.

Bracho fails to teach, *inter alia*, receiving by communication coordinator within one of a plurality of line modules a publication announcement indicating a desire to publish to a particular event name, and accessing within a control module connected to said plurality of line modules a set of information pertaining to a subscriber, said information comprising an event expression which may be resolved to match a plurality of different event names, as recited in claim 9.

Bracho fails to teach, *inter alia*, a communication coordinator for receiving a subscription request within a line module to receive publications made to one or more event names, said subscription request comprising an event expression that includes a name space that can be correlated to a plurality of different event names, a name space server located within a control module for accessing a set of information pertaining to a publisher, said information comprising a particular event name to which said publisher publishes, as recited in claim 17.

Bracho fails to teach, *inter alia*, communication coordinator located within a line module for receiving a publication announcement indicating a desire to publish to a particular event name and a name space server located

within a control module for accessing a set of information pertaining to a subscriber said information comprising an event expression which may be resolved to match a plurality of different event names, as recited in claim 25.

Bracho fails to teach, *inter alia*, instructions by communication coordinator for causing one or more processors within one of a plurality of line modules to receive a subscription request to receive publications made to one or more event names, said subscription request comprising an event expression which may be resolved to match a plurality of different event names, instructions for causing one or more processors within a control module connected to said plurality of line modules to access a set of information pertaining to a publisher, said information comprising a particular event name to which said publisher publishes, as recited in claim 33.

Bracho fails to teach, *inter alia*, instructions by a communication coordinator for causing one or more processors within one of a plurality of line modules to receive a publication announcement indicating a desire to publish to a particular event name; and instructions for causing one or more processors within a control module to access a set of information pertaining a subscriber, said information comprising an event expression which may be resolved to match a plurality of different event names, as recited in claim 41.

In view of the above, applicants respectfully submit that Bracho fails to teach each and every feature of the independent claims 1, 9, 17, 25, 33 and 41. Thus, independent claims are novel in view of Bracho's teachings. Likewise,

dependent claims 2-8, 10-16, 18-24, 26-32, 34-40 and 42-48 are likewise distinguishable from Bracho for at least the above reasons. Therefore, reconsideration and withdrawal of the rejections are respectfully requested.

Conclusion

For at least these reasons, it is respectfully submitted that claims 1-48 are distinguishable over the cited art. Favorable consideration and prompt allowance are earnestly solicited.

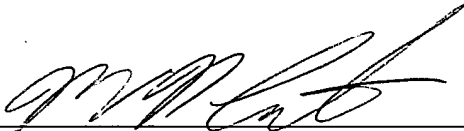
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Chad J. Billings (Reg. No. 48,917) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Appl. No. 10/003,186

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment(s)